

CLAIMS

1. A GDP dissociation stimulating protein gene comprises a nucleotide sequence coding for the amino acid sequence shown under SEQ ID NO:1.

5 2. A GDP dissociation stimulating protein gene comprises the nucleotide sequence shown under SEQ ID NO:2.

 3. A GDP dissociation stimulating protein gene as defined in Claim 2 which has the nucleotide
10 sequence shown under SEQ ID NO:3.

 4. A brain-specific nucleosome assembly protein gene comprises a nucleotide sequence coding for the amino acid sequence shown under SEQ ID NO:19.

 5. A brain-specific nucleosome assembly
15 protein gene comprises a nucleotide sequence shown under SEQ ID NO:20.

 6. A brain-specific nucleosome assembly protein gene as defined in Claim 5 which has the nucleotide sequence shown under SEQ ID NO:21.

20 7. A human skeletal muscle-specific ubiquitin-conjugating enzyme gene comprises a nucleotide sequence coding for the amino acid sequence shown under SEQ ID NO:22.

 8. A human skeletal muscle-specific
25 ubiquitin-conjugating enzyme gene comprises the

nucleotide sequence shown under SEQ ID NO:23.

9. A human skeletal muscle-specific ubiquitin-conjugating enzyme gene as defined in Claim 8 which has the nucleotide sequence shown under SEQ ID
5 NO:24.

10. A TMP-2 gene comprises a nucleotide sequence coding for the amino acid sequence shown under SEQ ID NO:25.

11. A TMP-2 gene comprises the nucleotide
10 sequence shown under SEQ ID NO:26.

12. A TMP-2 gene as defined in Claim 11 which has the nucleotide sequence shown under SEQ ID NO:27.

13. A human NPIK gene comprises a nucleotide sequence coding for the amino acid sequence shown under
15 SEQ ID NO:28.

14. A human NPIK gene comprises the nucleotide sequence shown under SEQ ID NO:29.

15. A human NPIK gene as defined in Claim 14 which has the nucleotide sequence shown under SEQ ID
20 NO:30.

16. A human NPIK gene comprises a nucleotide sequence coding for the amino acid sequence shown under SEQ ID NO:31.

17. A human NPIK gene comprises the nucleotide
25 sequence shown under SEQ ID NO:32.

18. A human NPIK gene as defined in Claim 17 which has the nucleotide sequence shown under SEQ ID NO:33.

19. A nel-related protein type 1 gene
5 comprises a nucleotide sequence coding for the amino acid sequence shown under SEQ ID NO:34.

20. A nel-related protein type 1 gene
comprises the nucleotide sequence shown under SEQ ID NO:35.

10 21. A nel-related protein type 1 gene as defined in Claim 20 which has the nucleotide sequence shown under SEQ ID NO:36.

22. A nel-related protein type 2 gene
comprises a nucleotide sequence coding for the amino acid
15 sequence shown under SEQ ID NO:37.

23. A nel-related protein type 2 gene
comprises the nucleotide sequence shown under SEQ ID NO:38.

24. A nel-related protein type 2 gene as
20 defined in Claim 23 which has the nucleotide sequence shown under SEQ ID NO:39.